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ABSTRACT

This book attempts to reflect on the value and purpose of practical work as part of the science curriculum: why are practical exercises so necessary and what do they contribute to the science learning process? The chapters in this book examine issues such as: how practical work is perceived by students and teachers; the possibilities and perils of moving to a virtual lab; the limitations of current hands-on work and valuable alternatives to it; the connections between practical work in science education and authentic science; and what role experimentation plays in current educational practice. (WRM)

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